Title (en)

METHOD AND DEVICE FOR ACTIVATING FUNCTIONS OF A POWERED-OFF DEVICE VIA A SERIAL DATA BUS INTERFACE

Title (de)

VERFAHREN UND EINRICHTUNG ZUM AKTIVIEREN VON FUNKTIONEN EINER POWERED-OFF-EINRICHTUNG ÜBER EINE SERIENDATENBUSSCHNITTSTELLE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ACTIVER DES FONCTIONS D'UN DISPOSITIF HORS TENSION VIA UNE INTERFACE DE BUS DE DONNÉES SÉRIE

Publication

EP 2069880 A4 20110601 (EN)

Application

EP 06795555 A 20060926

Priority

IB 2006002661 W 20060926

Abstract (en)

[origin: WO2008038057A1] A method and device are provided for activating certain functions of a powered-off device having a serial data bus interface when it is attached to a powered device via the serial bus interface. On detection of a voltage on the power line of the serial bus, the processor of the device is booted in a special operation mode, wherein certain functions of the serial data bus interface can be used without powering the complete device. The device may then be enumerated by the attached host device and for example allow access to its memory unit or use the power signal on the serial bus interface for battery charging.

IPC 8 full level

G06F 1/26 (2006.01); **H02J 7/02** (2006.01)

CPC (source: EP US)

G06F 1/266 (2013.01 - EP US); **G06F 1/3203** (2013.01 - EP US); **G06F 1/3287** (2013.01 - EP US); **H02J 7/342** (2020.01 - EP US); H02J 7/00 (2013.01 - US); Y02D 10/00 (2017.12 - EP US); Y02D 30/50 (2020.08 - EP US)

Citation (search report)

- [XI] WO 2005078555 A1 20050825 - RESEARCH IN MOTION LTD [CA]
- [A] EP 0720305 A2 19960703 - NEC CORP [JP]
- [A] US 2002038432 A1 20020328 - HSU YING-HAO [TW]
- [A] EP 1553480 A1 20050713 - FUJITSU LTD [JP]
- [A] US 2006181241 A1 20060817 - VESELIC DUSAN [CA]
- See references of WO 2008038057A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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